

201-15249

COURTNEY M. PRICE
VICE PRESIDENT
CHEMSTAR



May 3, 2004

The Honorable Michael O. Leavitt
Administrator
U.S. Environmental Protection Agency
P. O. Box 1473
Merrifield, VA 22116

RE: Ethylbenzene Panel Robust Summaries for Diethylbenzene Streams Category
Under the High Production Volume (HPV) Chemical Challenge Program

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Dear Administrator Leavitt:

On October 3, 2002, the American Chemistry Council Ethylbenzene Panel¹ (Panel) submitted a Test Plan under the High Production Volume (HPV) Chemical Challenge Program pertaining to the Diethylbenzene Streams Category covering CAS numbers 25340-17-4 and 68608-82-2. In the test plan, the Panel proposed to conduct physical chemical and environmental effects and fate testing. The Panel has completed this testing, and with this letter, submits a category report and the following robust summaries:

- Freezing Point
- Boiling Point
- Vapor Pressure
- Water Solubility
- Hydrolysis
- Photodegradation – Direct
- Photodegradation – Indirect
- Fugacity
- Biodegradation
- Bioaccumulation
- Acute Toxicity to Fish
- Acute Toxicity to Aquatic Invertebrates
- Acute Toxicity to Aquatic Algae or Plants
- Analytical Method Development
- Fugacity for the 3 Isomers of Diethylbenzene
- Photodegradation

¹ Panel member companies sponsoring the diethylbenzene streams category are: BP, Chevron Phillips Chemical Company, The Dow Chemical Company, and Sterling Chemicals.



Responsible Care®

For your convenience, the Panel is resubmitting the robust summaries for health effects endpoints.

With the submission of the category report and new robust summaries, the Ethylbenzene Panel has completed its commitment under the HPV program.

If you have any questions, please contact Dr. Elizabeth Moran, Manager of the Olefins Panel at 301 924 2006 or Elizabeth_Moran@americanchemistry.com.

Sincerely yours,

Courtney M. Price
Vice President, CHEMSTAR

Attachments

cc: R. Hefter (EPA)